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## NEW SPECIES OF NOCTUIDÆ FROM THE PHILIPPINES.

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Smithsonian Deposit

By A. E. WILEMAN AND RICHARD SOUTH.

### *Euxoa luzonensis*, sp. n.

♂. Head and thorax brownish-grey, abdomen slightly paler. Fore wings greyish-brown, sprinkled with darker; antemedial line black, serrated; postmedial line black, outwardly pale-edged, curved round outer end of cell, thence inwardly oblique to dorsum; subterminal line pale, sinuous, biangulate below middle, inwardly edged with black; terminal dots black; orbicular and reniform stigmata blackish, faintly outlined in pale brown. Hind wings dark fuscous, darker towards termen, discal dot black. Underside dark fuscous, fore wings paler on costa and termen; all wings have a black discal mark.

♀. Similar to the male, but the stigmata are brown, and the subterminal line is whitish.

Expanse, ♂ 40 mm., ♀ 38 mm.

Four specimens (3 ♂♂, 1 ♀) from Haight's Place, Pauai, subprov. Benguet, Luzon (7000 ft.), November 7th-14th, 1912.

Comes near *E. canariensis*, Rebel.

### *Agrotis luminosa*, sp. n.

♂. Head and thorax reddish-brown, abdomen greyish-brown with reddish dorsal and anal tufts. Fore wings reddish-brown, suffused with darker brown on costal area to the postmedial line; orbicular and reniform stigmata pale ochreous, outlined in black, claviform strongly outlined in black; the reniform is preceded by a black dash, followed by a black streak to termen which is interrupted by the postmedial and subterminal lines; antemedial line pale ochreous, crenulate, outwardly edged with black; postmedial line crenulate, pale ochreous, inwardly edged with black, curved round end of cell, thence inwardly oblique to dorsum; subterminal line pale ochreous, crenulate, interrupted, and wider towards dorsum; a connected series of black dots on termen; fringes tawny brown, chequered with darker. Hind wings pale brown with darker veins and terminal border. Underside fore wings suffused with blackish except on the costal and terminal areas, which are tawny brown; hind wings pale, almost whitish, brown, tinged with tawny brown on costal area, terminal border blackish; all the wings have a black discal dot and transverse line beyond; fringes tinged with tawny brown.

Expanse, 43 mm.

A male specimen from Haight's Place, Pauai, subprov. Benguet, Luzon (7000 ft.), November 8th, 1912.

Near *A. mandarinella*, Hampson.

*Agrotis marmoraria*, sp. n.

♂. Head and thorax brown, abdomen paler. Fore wings pale brown, freckled and clouded with darker; orbicular and reniform stigmata pale, almost whitish, centred with brown, claviform outlined in black; subbasal line black, outwardly pale edged, interrupting a black streak from base to claviform stigma; antemedial line black, inwardly pale edged, crenulate, and slightly bent outward towards dorsum; postmedial line pale, edged on each side by a crenulate brown line curved round cell thence straight to dorsum; subterminal line pale, sinuate, broadest towards dorsum; terminal line represented by black triangular marks; fringes brownish, paler marked at ends of the veins. Hind wings pale fuscous brown, darker on terminal border; fringes pale. Underside whitish-brown suffused with dark fuscous on disc of forewings and on terminal area of hind wings; all wings have a black discal mark and line beyond.

Expanse, 40 mm.

A male specimen from Haight's Place, Pauai, suprov. Benguet, Luzon (7000 ft.), November 7th, 1912.

Possibly this may be a colour form of *A. luminosa*.

*Agrotis crassipuncta*, sp. n.

♂. Head and collar grey, thorax brown; abdomen paler and tuft darker. Forewings grey flecked with red-brown between the antemedial and postmedial lines; subbasal line black, terminating in a longitudinal black mark from the base; antemedial line blackish inwardly edged with whitish, outwardly oblique to vein 1 and thence sharply curved to dorsum; postmedial line blackish, serrated, excurved from costa to middle, thence incurved to dorsum, followed by a series of black dots on the veins; subterminal line blackish, preceded on costa by a double brown spot and by a triangular mark below; terminal line represented by black points between the veins; stigmata indistinct; preceding the reniform is a large black spot, its upper edge cut into by a cone-like pale mark. Hind wings whitish-brown clouded with darker on the terminal area. Underside whitish-brown; all the wings have blackish discal dot and line beyond; the discal area of fore wings clouded with fuliginous.

Expanse, 44 mm.

A male specimen from Haight's Place, Pauai, subprov. Benguet, Luzon (7000 ft.), December 5th, 1912.

Belongs to the *c-nigrum* group of the genus.

*Cirphis albomarginata*, sp. n.

♂. Head whitish, thorax ochreous mixed with brown; abdomen rather paler, anal tuft whitish. Fore wings ochreous powdered with brown, costal and terminal borders whitish irrorated with brown;

apical streak white, from which an oblique brown line runs to dorsum and limits the terminal border; orbicular stigma of the ground-colour set in a white blotch which extends to four black dots representing the reniform stigma; fringes brown, preceded by black dots on termen. Hind wings whitish, silky; all the wings have a black discal dot and dotted line beyond, and there is a blackish cloud about middle of the line on fore wings.

♀. Similar to the male above, but the blackish cloud is absent on the underside of fore wings.

Expanse, 36 mm.

One example of each sex from Haight's Place, Pauai, subprov. Benguet, Luzon (7000 ft.), May 12th, 1912.

Comes near *C. decissima*, Walk.

*Cirphis cuneata*, sp. n.

♂. Head and thorax pale brown, collar with darker lines, abdomen greyer. Fore wings pale brown, a white streak from base along median nervure extending to termen; a less distinct streak along subcostal area, most distinct on terminal area; between these streaks is a blackish, wedge-shaped cloud from termen to cell, a blackish shade below the median nervure and another on dorsum; two black dots in the cell, the first linear and the second punctiform; fringes darker brown. Hind wings fuscous, fringes pale brown. Underside pale brown, fore wings suffused with blackish on the disc; all wings have traces of a black discal dot.

Expanse, ♂ 38 mm., ♀ 36 mm.

Three specimen (2 ♂ ♂ and 1 ♀) from Haight's Place, Pauai, subprov. Benguet, Luzon (7000 ft.). One male captured November 17th and another (type) December 16th, 1912; the female was taken on December 3rd, 1912.

Allied to *C. diagramma*, B.-Baker.

*Trachea luzonensis*, sp. n.

♀. Head and thorax dark grey mixed with paler, abdomen grey-brown; tarsi dark brown with paler rings. Fore wings brownish suffused with fuliginous; orbicular stigma black, reniform outlined in black; sub-basal line black, outwardly edged with pale greyish-brown on costal area; antemedial line black, crenulate, inwardly edged with greyish-brown, especially towards costa; postmedial line black, double, sinuous, inwardly flecked with greyish-brown; subterminal line grey, sinuous, diffuse; terminal line black, interrupted; fringes greyish-brown. Hind wings fuscous, with black terminal line and greyish-brown fringes. Underside fuscous with traces of a darker discal mark and a line beyond.

Expanse, 34 mm.

A female specimen from Haight's Place, Pauai, subprov. Benguet, Luzon (7000 ft.), November 25th, 1912.

Comes near *T. oppositata*, Walk.

*Athetis multilinea*, sp. n.

♂. Head, thorax and legs grey, abdomen paler. Fore wings grey with faint violet tinge; reniform stigma outlined in brown; sub-basal and antemedial lines brown, the latter wavy, deeply indented before dorsum; a brown transverse shade before antemedial line; central shade brown united with the reniform; postmedial line black, roughly serrated, excurved below middle, thence incurved to dorsum; terminal area clouded with brown, obscuring the sinuous and finely dentate subterminal line; black dots and pale line on termen, fringes brown. Hind wings whitish, tinged with fuscous; discal dot and terminal line darker. Underside of fore wings dark fuscous and of hind wings whitish suffused with fuscous on costal area; a dark discal mark and a dark line beyond on all wings.

Expanse 30 mm.

A male specimen taken Baguio, subprov. Benguet, Luzon (5000 ft.), July 9th, 1912. Another male from Sapiangao, subprov. Benguet, Luzon (5500 ft.), taken December 16th, 1912.

The specimen from Baguio (type) is darker and the markings better defined than in the Sapiangao specimen.

Comes nearest to *A. bremusa*, Swinh.

*Proxenus* (?) *obscura*, sp. n.

♂. Head and thorax brown mixed with grey, second joint of palpi grey at tip, third joint blackish; abdomen brown, rather paler than thorax. Fore wings brown freckled with blackish chiefly on basal and terminal areas; orbicular stigma black, reniform indistinct with two white dots on its outer edge; transverse lines blackish, very indistinct; terminal line black with pale dots on it; fringes dark brown, paler at ends of the veins. Hind wings whitish, clouded with fuscous on costa and termen. Underside whitish, the fore wings and outer costal area of hind wings clouded with fuscous; orbicular and reniform of fore wings indicated by pale marks.

Expanse, 28 mm.

A male specimen from Sapiangao, subprov. Benguet, Luzon (5500 ft.), December 17th, 1912.

(To be continued.)

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ON A SMALL COLLECTION OF HOMOPTERA FROM  
BRITISH GUIANA.

BY W. L. DISTANT.

THE following descriptions and notes refer to a small collection sent by Mr. G. E. Bodkin, the Government Biologist of British Guiana, to Dr. G. Marshall, of the Imperial Bureau of Entomology. The specimens were all collected by Mr. A. A. Abraham, who was attached to a survey of a road for bringing down cattle from the interior of the Colony.